

AMENDMENTS TO THE CLAIMS

The following listing of claims will replace all prior versions, and listing of claims in the application:

LISTING OF CLAIMS:

1. (Currently amended) An improved mouse structure, comprising
a cover, being an elliptically curved shell with two ends, comprising a pivoting portion extending downwardly from one of the ends thereof, and a hook formed on another end thereof, the pivoting portion having an extending portion extending downwardly from an edge of the cover, and a pair of pivoting shafts respectively protruding outwardly from two ends of the extending portion;
a base, comprising a receiving portion formed on an end thereof for receiving the pivoting portion, an engaging seat formed on another end thereof, and an engaging hole formed on the engaging seat for engaging with the hook, the receiving portion of the base having a central recess for containing the extending portion, and two U-shaped seats respectively formed on two sidewalls adjacent the central recess, wherein each of the U-shaped seats is formed with a slot for receiving the pivoting shafts therein.

2. (Original) The improved mouse structure as in claim 1, wherein the cover further comprises a saddle formed with a wheel hole therein for containing and projecting a wheel, the saddle extends forwardly and downwardly for a predetermined length with a distal end, and the hook protrudes from an inner surface of the distal end of the saddle.

3. (Cancelled).

4. (Currently amended) The improved mouse structure as in claim ~~[[3]]~~ 1, wherein the pivoting portion further comprises a stopping portion protruding outwardly from an outside edge thereof, wherein when the cover is opened, the stopping portion stops the cover at a predetermined angle.

5. (Cancelled).

6. (Currently amended) The improved mouse structure as in claim ~~[[5]]~~ 1, wherein the mouse has a V-shaped battery seat disposed therein, the battery seat comprising a front gap for receiving a portion of the wheel, and the mouse is reduced by a predetermined lengthwise length.

7. (Original) The improved mouse structure as in claim 6, wherein the battery seat has two tail portions formed on two side of an end thereof, each tail portion has a fixing portion extending downwardly and engaging the U-shaped seat for retaining the pivoting shafts in the U-shaped seat.

8. (Original) The improved mouse structure as in claim 7, further comprising a PCB (printed circuit board) disposed under the battery seat and connected with the base.

9. (Original) The improved mouse structure as in claim 8, further comprising a transparent lens assembled under the PCB for guiding light from the light source to the surface where the mouse rests on.

10. (Currently amended) The improved mouse structure as in claim 1, wherein the cover further comprises a pair of side boards respectively disposes on two sides ~~thereof~~ of the cover, and each side board is formed with a concave portion for gripping, and when the pair of side boards are pressed, the cover compresses inwardly and the hook moves forwardly and out of the engaging hole.

11. (Original) The improved mouse structure as in claim 10, wherein the base is formed with two U-shaped side grooves in two sides thereof for receiving the side boards therein.

12. (Original) The improved mouse structure as in claim 1, wherein the engaging seat is generally U-shaped, and has two side walls extending inwardly from a front portion of the base, an inner wall connecting with the two side walls, and a locking plate extending forwardly and downwardly from a top of the inner wall, wherein the engaging hole is formed in the locking plate.